FORM PTO-1390 (REV 11-2000)	U S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		GRY-106US
		U S APPLICATION NO (If known, see 37 CFR 1 5) To Be Assigned 10/089822

INTERNATIONAL APPLICATION NO. PCT/FR00/02735	INTERNATIONAL FILING DATE 03 October 2000 (03.10.00)	PRIORITY DATE CLAIMED 04 October 1999 (04.10.99) 22 March 2000 (22.03.00)

TITLE OF INVENTION
PROCESS AND SYSTEM FOR DISTRIBUTING INFORMATION ORIGINATING FROM A DATABASE

APPLICANT(S) FOR DO/EO/US
Patrice NOAILLES and Bernard PROST

Applicant herewith submits to the united States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))

     a. ☒ is attached hereto (required only if not communicated by the International Bureau).
     b. ☐ has been communicated by the International Bureau.
     c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

     a. ☒ is attached hereto.
     b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

     a. ☐ are attached hereto (required only if not communicated by the International Bureau).
     b. ☐ have been communicated by the International Bureau.
     c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
     d. ☒ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern documents(s) or information included:

11. ☒ An Information Disclosure Statement under 37 U.S.C. 1.97 and 1.98.

12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☒ A FIRST preliminary amendment.

14. ☐ A SECOND or SUBSEQUENT preliminary amendment.

15. ☐ A substitute specification.

16. ☐ A change of power of attorney and/or address letter.

17. ☐ A computer readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825.

18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).

19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. ☒ Other items or information: Certificate of Mailing by Express Mail; Copy of Preliminary Examination Report

Page 1 of 2

U.S. APPLICATION NO. (If known, see 37 CFR 1 5)	INTERNATIONAL APPLICATION NO.	ATTORNEY DOCKET NUMBER
To Be Assigned 10/089822	PCT/FR00/02735	GRY-106US

21. ☒ The following fees are submitted:	CALCULATIONS PTO USE ONLY

BASIC NATIONAL FEE (37 CFR 1.492(a)(1) – (5)):

☒ Neither international preliminary examination fee (37 CFR 1 482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO........ **$1040.00**

☐ International preliminary examination fee (37 CFR 1.482)not paid to
USPTO but International Search Report prepared by the EPO or JPO......... **$890.00**

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but
international search fee (37 CFR 1 445(a)(2)) paid to USPTO **$740.00**

☐ International preliminary examination fee paid to USPTO (37 CFR 1.482)
but all claims did not satisfy provisions of PCT Article 33(1)-(4) **$710.00**

☐ International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(1)-(4) **$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =	$ 1040.00	

Surcharge of **$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	$	

CLAIMS	NUMBER FILED	EXTRA NUMBER	RATE		
Total claims	17- 20 =		X $18.00	$	
Independent claims	3- 3 =		X $84.00	$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		☒	+ $280.00	$280.00	

TOTAL OF ABOVE CALCULATIONS =	$	

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.	$ 1320.00	

SUBTOTAL =	$1320.00	

Processing fee of **$130.00** for furnishing the English translation later than ☐ 20 ☐ 30 Months from the earliest claimed priority date (37 CFR 1.492(f)). +	$	

TOTAL NATIONAL FEE =	$1320.00	

Fee for recording the enclosed assignment (37 CFR 1.21(h)) The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) **$40.00** per property +	$40.00	

TOTAL FEES ENCLOSED =	$1360.00	

	Amount to be refunded:	$
	Charged:	$

a. ☒ Two checks totaling the amount of **$1,360.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of $_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **18-0350**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here) 23122	or ☐ below	Correspondence address

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Address				
City		State		Zip Code	
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Name (Print/Type)	Kenneth N. Nigon	Registration No. (Attorney/Agent)	31,549
Signature		Date	April 4, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Patrice Noailles et al.   : Art Unit:
Serial No.: To Be Assigned   : Examiner:
Filed: Herewith   :
FOR: PROCESS AND SYSTEM FOR   :
DISTRIBUTING INFORMATION ORIGINATING
FROM A DATABASE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

    Prior to examination, please amend the above-identified application as follows
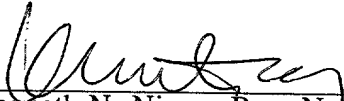
IN THE ABSTRACT:

ABSTRACT

    The invention concerns a method for diffusing data contained in a computer database (2) in a form that can be easily transported and handled by a user (5). The method comprises steps which consist in: breaking down the data contained in the base (1) into units comprising each a predetermined number of signs; transmitting said units, in particular via a server (2) and a communication network (6), to a computer equipment (3) connected to a printer (3b); downloading into said equipment (3), in particular via said network (6), printing software means (2a) for printing with said printer (3b) a memo (7) in the form of a booklet of four pages. Thus the user (5) can access online said units, select those containing data of interest to him and command the printing thereof in the form of a booklet of four pages which can be easily carried.

REMARKS

The application has been amended to include an abstract. No new matter has been added.

Respectfully Submitted,

Kenneth N. Nigon, Reg. No. 31,549
Attorneys for Applicant

KNN/tmb
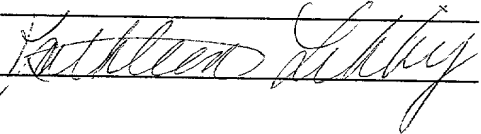
Dated: April 4, 2002

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The Assistant Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail under Express Mail Label No. EV 029 154 578 US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

April 4, 2002

Kathleen Libby

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE ABSTRACT:

ABSTRACT

The invention concerns a method for diffusing data contained in a computer database (2) in a form that can be easily transported and handled by a user (5). The method comprises steps which consist in: breaking down the data contained in the base (1) into units comprising each a predetermined number of signs; transmitting said units, in particular via a server (2) and a communication network (6), to a computer equipment (3) connected to a printer (3b); downloading into said equipment (3), in particular via said network (6), printing software means (2a) for printing with said printer (3b) a memo (7) in the form of a booklet of four pages. Thus the user (5) can access online said units, select those containing data of interest to him and command the printing thereof in the form of a booklet of four pages which can be easily carried.

PROCESS AND SYSTEM FOR DISTRIBUTING INFORMATION ORIGINATING FROM A DATABASE

[0001]   This invention relates to a process for the distribution of information contained in a computer database in an easily transportable form that the user can handle and throw away.

[0002]   In general, database users view databases from computer equipment. This computer equipment is provided with a display screen on which users can read the data that they need.

[0003]   However, database users would very frequently like to keep essential information in an easily transportable form.

[0004]   There are printers than can be associated with computer equipment to obtain printouts of all or some of data displayed on display screens. These large paper printouts (A4 size) are not convenient to transport in clothes pockets. Obviously, it would be possible to fold them but in this case the information would no longer be quickly and easily accessible. The paper would have to be unfolded.

[0005]   The proposed solution solves this problem. The invention relates to a process for distributing information contained in a computer database in an easily transportable form that a user can handle.

[0006]   The process according to the invention comprises several steps.

[0007]   It comprises a step in which information contained in the database is broken down into units each comprising a predetermined number of symbols.

[0008]   It also comprises a step in which units are sent to computer equipment connected to a printer, particularly through a server and a computer communication network and/or through a medium on which the information is saved, for example such as a compact disk. The user activates the computer equipment and the printer using control devices such as a keyboard and/or a mouse to activate optional menus.

[0009]   Thus, the user can access units on line, select the units that contain the information in which he is interested, and control printing of these units on a printable medium using a printer, particularly one or several sheets of paper.

[0010]   The process also comprises a step in which software printing means capable of printing a memo in the form of a four-page booklet can be loaded (particularly from a compact disk) or downloaded (particularly through the computer communication network).

[0011]   Preferably, according to the invention, the software printing means implement a printing process comprising a step in which each unit is printed on the front of a sheet. The symbols contained in each unit are broken down into four frame numbers from 1 to 4 in the order of the pages of the booklet. The four frames are laid out on the front of the sheet of paper such that frames 1 to 3 are located on one of the diagonals of the rectangular sheet, and frames 2 and 4 are on the other diagonal. Frame numbers 2 and 3 are rotated by 180° from frame numbers 1 and 4.

[0012]   Thus, after folding, the user has a four-page booklet.

[0013]   According to a first variant embodiment of the invention, a memo can be printed in the landscape format starting from a rectangular sheet, and particularly an A4 sheet, by folding the printed sheet along a first fold line approximately along the mid-point and parallel to its longest side.

[0014]   According to a second variant embodiment of the invention, a memo can be printed in the portrait format starting from a rectangular sheet, and particularly an A4 sheet, by folding the printed sheet along a first fold line approximately along the mid-point and parallel to its shortest side.

[0015]   Regardless of which variant embodiment is used, the first fold fixes the outside pages 1 and 4 with the inside pages 2 and 3 after folding.

[0016]   Preferably, according to the invention, the software printing means make use of a printing process also comprising a step in which advertising messages are printed in

locations set aside for this purpose, particularly arranged vertically and/or in the margins of the frames and/or in frame No. 4.

[0017]   The invention also relates to a system for distributing information contained in a computer database in an easily transportable form that a user who has this type of computer equipment can handle and throw away.

[0018]   The system according to the invention is characterised in that the information is broken down into units each with a predetermined number of symbols.

[0019]   The system is also characterised in that it comprises a server connected to the database and to the computer equipment through an Internet type computer communication network.

[0020]   Thus, the user can access units on line and select the units that contain the information in which he is interested.

[0021]   The system according to the invention also comprises a printer connected to the computer equipment. The user activates the computer equipment and the printer using control devices such as a keyboard and/or a mouse to activate optional menus.

[0022]   Thus, the user can control printing of units on a printable medium using a printer, and particularly one or several sheets of paper.

[0023]   Finally, the system according to the invention comprises software printout means that can be loaded (particularly from a compact disk) or downloaded (particularly through the computer communication network) into the computer equipment. The software printing means are capable of printing a memo in the form of a four-page booklet using the printer.

[0024]   Preferably, according to the invention, the software printing means comprise means of printing each unit on the front of the sheet of paper. The symbols contained in each unit are broken down into four frame numbers from 1 to 4 in the order of the pages of the booklet. The four frames are placed on the front of the sheet of paper such that frames 1 and

3 are located on one of the diagonals and frames 2 and 4 are located on the other diagonal of the rectangular sheet. Frame numbers 2 and 3 are rotated by 180° from frame numbers 1 and 4.

[0025]   Thus, after folding, the user has a four-page booklet.

[0026]   According to a first variant embodiment of the invention, a memo can be printed in the landscape format starting from a rectangular sheet and particularly an A4 sheet, in which the printed sheet comprises a first fold line approximately at the mid-point of the sheet and parallel to its longest side.

[0027]   According to a second variant embodiment of the invention, a memo can be printed in the portrait format starting from a rectangular sheet and particularly an A4 sheet, in which the printed sheet comprises a first fold line approximately at the mid-point of the sheet and parallel to its shortest side.

[0028]   Thus, regardless of which variant embodiment is used, the first fold fixes the outside pages 1 and 4 with the inside pages 2 and 3.

[0029]   Preferably, the software printing means comprise means of printing advertising messages in locations set aside for this purpose, particularly arranged vertically and/or in the margins of the frames and/or in frame number 4.

[0030]   The invention also relates to a computer terminal connected to an Internet type computer communication network suitable to distribute information contained in a computer database in an easily transportable forms that a user who has this type of computer equipment can handle.

[0031]   Information is broken down into units each comprising a predetermined number of symbols.

[0032]   The information reaches the computer terminal from the database, through a server and through the computer communication network and/or through a medium on which the information is saved, for example such as a compact disk.

[0033] Thus, the user can access units on line and select the units containing the information in which he is interested.

[0034] The computer terminal is characterised in that it also comprises computer equipment, and also a printer connected to the computer equipment.

[0035] The user can activate the computer equipment and the printer using control devices such as a keyboard and/or a mouse to activate the optional menus.

[0036] Thus, the user can control printing of these units on a printable medium using a printer, particularly one or several sheets of paper.

[0037] The computer equipment also comprises software printing means that can be loaded (particularly from a compact disk) or downloaded (particularly through the computer communication network) into the computer equipment.

[0038] The software printing means are capable of printing a memo in the form of a four-page booklet, on a printer.

[0039] Preferably, the software means comprise means of printing each unit on the front of a sheet of paper. The symbols contained in each unit are broken down into four frame numbers from 1 to 4, in the order of the pages of the booklet. The four frames are placed on the front of the sheet of paper such that frames 1 and 3 are located on one of the diagonals of the rectangular sheet and frames 2 and 4 are located on the other diagonal. Frame numbers 2 and 3 are rotated by 180° from frame numbers 1 and 4.

[0040] Thus, after folding, the user has a four-page booklet.

[0041] According to a first variant embodiment of the invention, a memo can be printed in the landscape format starting from a rectangular sheet and particularly an A4 sheet, in which the printed sheet comprises a first fold line approximately at the mid-point of the sheet and parallel to its longest side.

[0042]   According to a second variant embodiment of the invention, a memo can be printed in the portrait format starting from a rectangular sheet and particularly an A4 sheet, in which the printed sheet comprises a first fold line approximately at the mid-point of the sheet and parallel to its shortest side.

[0043]   Thus, regardless of which variant embodiment is used, the first fold fixes the outside pages 1 and 4 with the inside pages 2 and 3.

[0044]   Preferably, the software printing means comprise means of printing advertising messages in locations set aside for this purpose, particularly arranged vertically and/or in the margins of the frames and/or in frame number 4.

[0045]   Other characteristics and advantages of the invention will become clear after reading the description of variant embodiments of the invention given for information only, and in no way limitative, and:

[0046]   Figure 1 that shows a diagrammatic view of a general layout of a variant embodiment of the system according to the invention,

[0047]   Figure 2a that shows a view of a sheet on which the elementary data is printed, before folding,

[0048]   Figure 2b that shows a view of another variant embodiment of a sheet on which the elementary data is printed, before folding,

[0049]   Figure 3a that shows a view of a four-page booklet in the portrait format, produced by folding the sheet shown in figure 2a,

[0050]   Figure 3b that shows a view of a four-page booklet in the landscape format, produced by folding the sheet shown in figure 2b,

[0051]   Figure 1 that shows a diagrammatic view of the general layout of a variant embodiment of the system according to the invention.

[0052] The system comprises a computer server 2 associated with a database 1 containing information. This information is broken down into units each comprising a predetermined number of symbols. Thus, the manner in which this information is broken down is a means of defining the page layout of the units precisely to facilitate printing on a printable medium, and particularly on one or several sheets of paper or a plastified medium.

[0053] The system also comprises computer equipment 3. This computer equipment 3 comprises a microcomputer 3a comprising display means 3e, a keyboard 3g, a mouse 3d and listening means 3f. A printer 3b and means of reading a compact disk 3c are associated with the microcomputer 3a. The computer equipment 3 may also be in the form of a multimedia games console, particularly a Sega Dreamcast or Playstation 2 type console connected to a keyboard and a television screen.

[0054] The computer server 2 and the computer equipment 3 are interconnected through a computer communication network 6, particularly internet type equipment. The units contained in the database 1 are transmitted to the computer equipment 3 through the server 2 and the communication network 6. Thus, a user 5 can access units contained in the database 1 on line quickly and in an automated manner and can select the units containing the information in which he is interested.

[0055] Units can also be sent to the computer equipment 3 through a compact disk 4 that will be read using the drive 3c and can be viewed on the display screen 3e.

[0056] Printing a memo is a means of enabling the user to keep information about a unit with him on a printable medium, particularly one or several sheets of paper. The system achieves this in that it also includes means 2a of downloading through the server 2 and the computer network 6 to load software printing means into the said computer equipment 3. These software printing means may also be loaded into the computer equipment 3 using a compact disk 4 that will be read using the drive 3c.

[0057] We will now describe how these software printing means cooperate with the printer 3b associated with the computer equipment 3, to print a memo on a printable medium, and particularly a paper memo 7.

[0058]   The software printing means contain the instructions necessary to divide the symbols contained in the unit to be printed, into four write frames (possibly the same size). These frames are referenced 1, 2, 3 and 4 in the logical order in which they are to be read. They are intended to be printed only on the front of the printable medium, and particularly the front of a sheet of paper 20a, 20b.

[0059]   Figures 2a and 3a show the paper sheet 20b before and after folding, for a memo 7a in the portrait format.

[0060]   Similarly, figures 2a and 2b show the sheet of paper 20b before and after folding, for a memo 7b in the landscape format.

[0061]   In the case of a memo 7a in the portrait format, the software means contain instructions for printing frames 1 to 4 as shown in figure 2a. Frames 2 and 4 are located on the same diagonal. Frames 1 and 3 are located on the other diagonal. Frames 1 and 4 are printed on the top part of the sheet 20a. Frames 2 and 3 are printed on the bottom part of the sheet 20a. The arrows F show the direction of the logical reading order in which each frame 1 to 4 must be printed. The arrows F are parallel to the longest side of the sheet 20a. On sheet 20a, the direction in which frames 1 and 4 are to be read is opposite to the direction in which frames 2 and 3 are to be read. Frames 1 and 4 are printed on one side of the median line 22a parallel to the shortest side of the sheet 20a, and frames 2 and 3 are printed on the other side. Frames 1 and 2 are printed on one side of the median line 22a parallel to the longest side of the sheet 21a, and frames 4 and 3 are printed on the other side. References 1 to 4 marked on sheet 20a show the location of the frames. A memo in the portrait format 7a (figure 3a) is obtained by folding sheet 20a, firstly along fold line 22a and secondly along fold line 21a. Thus, a memo with four pages in the portrait format 7a is obtained after folding.

[0062]   In the case of a memo 7b in the landscape format, the software means contain instructions for printing frames 1 to 4 as shown in figure 2b. Frames 2 and 4 are located on the same diagonal. Frames 1 and 3 are located on the other diagonal. Frames 1 and 2 are printed on the top part of the sheet 20b. Frames 4 and 3 are printed on the bottom part of the sheet 20b. The arrows F show the direction of the logical reading order in which each frame 1 to 4 must be printed. The arrows F are parallel to the shortest side of the sheet 20b. On

sheet 20b, the direction in which frames 1 and 4 are to be read is opposite to the direction in which frames 2 and 3 are to be read. Frames 1 and 2 are printed on one side of the median line 22a parallel to the shortest side of the sheet 20b, and frames 4 and 3 are printed on the other side. Frames 1 and 4 are printed on one side of the median line 22a parallel to the longest side of the sheet 21a, and frames 2 and 3 are printed on the other side. References 1 to 4 marked on sheet 20b show the location of the frames. A memo in the landscape format 7b (figure 3b) is obtained by folding sheet 20b, firstly along fold line 22b and secondly along fold line 22b. Thus, a memo with four pages in the landscape format 7b is obtained after folding.

[0063] In the case of a memo 7a in the portrait format, and also for a memo 7b in the "landscape" format, the fold lines are preferably indicated by marks and particularly dashed lines to facilitate folding. Also preferably, the sheets of the booklet after folding can be fixed together by depositing an adhesive substance at appropriate locations of the back of the sheet. Also to facilitate handling of the booklet, the sheet is folded along the first fold line, folding the lower part over the upper part. The result is a booklet in which the lower edges are fixed together. In this case, frames 1, 2, 3 and 4 should obviously be arranged such that they are read in the logical order of reading after folding.

CLAIMS

1   1.   Process for distributing information contained in a computer database (1) in an
2   easily transportable form that the user (5) can handle, and then throw away;

3   the said process being characterised in that it comprises the following steps:

4   -   the step in which information contained in the database (1) is broken down
5   into units each comprising a predetermined number of symbols,

6   -   the step of transmitting the said units, particularly through a server (2) and a
7   computer communication network (6) and/or through a medium on which the information is
8   saved, for example such as a compact disk (4), to computer equipment (3) connected to a
9   printer (3b); the user (5) activates the said computer equipment (3) and the said printer (3b)
10   by using control devices such as a keyboard (3g) and/or a mouse (3b) to activate optional
11   menus;

12   such that the user can access the said units on line, can select those containing the
13   information in which he is interested, control printing of these units on a printable medium
14   using a printer, particularly on one or several sheets of paper,

15   the said process also comprising a step to load (particularly using a compact disk (4)),
16   or download (particularly through the computer communication network (6)) software
17   printing means (2a) capable of controlling a printer (3b) to print a memo (7) in the form of a
18   four-page booklet.

1   2.   Process according to claim 1, such that the said software printing means (2a)
2   use a printing process including the step in which each unit is printed on the front of a sheet

3   by breaking down the symbols contained in each unit into four frame numbers from 1
4   to 4 following the order of the pages of the booklet,

5   by laying out the four frames on the front of the sheet of paper such that frames 1 and

6   3 are located on one of the diagonals of the rectangular sheet, and frames 2 and 4 are located

7   on the other diagonal,

8   by rotating frame numbers 2 and 3 by 180° from frame numbers 1 and 4,

9   such that the user will have a four-page booklet after folding.

1   3.   Process according to claim 2, so as to make a rectangular sheet, particularly an

2   A4 sheet,

3   a memo (7b) in landscape format, the printed sheet is folded along a first fold line

4   (21b) approximately parallel in the median line parallel to the longest side of the sheet,

5   a memo (7a) in portrait format, the printed sheet is folded along a first fold line (22a)

6   approximately parallel in the median line parallel to the shortest side of the sheet,

7   such that after folding, the first fold fixes the outside pages 1 and 4 with the inside

8   pages 2 and 3.

1   4.   Process according to any one of claims 1 to 3, such that the said software

2   printing means (2a) make use of a printing process also comprising a step in which

3   advertising messages are printed in locations set aside for this purpose, particularly arranged

4   vertically and/or in the margins of frames and/or in frame number 4.

1   5.   System for distributing information contained in a computer database (1) in an

2   easily transportable form that a user who has this type of computer equipment (3) can handle

3   and throw away;

4   the said system being characterised in that:

5   -   the said information is broken down into units each with a predetermined

6   number of symbols;

7   the said system also being characterised in that it comprises:

8   -   a server (2) connected through an Internet type computer network (6) to the
9   said database and the said computer equipment (3),

10   such that the user can access the said units on line and select those containing the
11   information in which he is interested,

12   -   a printer (3b) connected to the said computer equipment (3);

13   the user (5) activating the said computer equipment (3) and the said printer (3b) by
14   using control devices such as a keyboard (3g) and/or a mouse (3b) to activate optional
15   menus,

16   such that the user can control printing of the said units on a printable medium,
17   particularly one or several sheets of paper;

18   the said system also comprising:

19   -   software printout means (2a) that can be loaded (particularly using a compact
20   disk (4)) or downloaded (particularly through the said computer communication network (6))
21   into the said computer equipment (3);

22   the said software printing means (2a) being capable of printing a memo (7) in the
23   form of a four-page booklet, using the said printer (3b).

1   6.   System according to claim 5, such that the said software printing means (2a)
2   comprises means of printing each unit on the front of a sheet

3   by breaking down the symbols contained in each unit into four frame numbers from 1
4   to 4 in the order of the pages of the booklet,

5   by laying out the four frames on the front of the sheet of paper such that frames 1 and
6   3 are located on one of the diagonals of the rectangular sheet, and frames 2 and 4 are located
7   on the other diagonal,

8   by rotating frame numbers 2 and 3 by 180° from frame numbers 1 and 4.

9   (such that the user has a four-page booklet after folding).

1   7.   System according to claim 6, in which, starting from a rectangular sheet
2   particularly an A4 size sheet,

3   a memo (7b) in the landscape format is made, the said printed sheet comprises a first
4   fold line (21b) along the median line parallel to the longest side of the rectangular sheet,

5   a memo (7a) in the portrait format is made, the said printed sheet comprises a first
6   fold line (22a) along the median line parallel to the shortest side of the rectangular sheet,

7   such that after folding, the first fold fixes the outside pages 1 and 4 with the inside
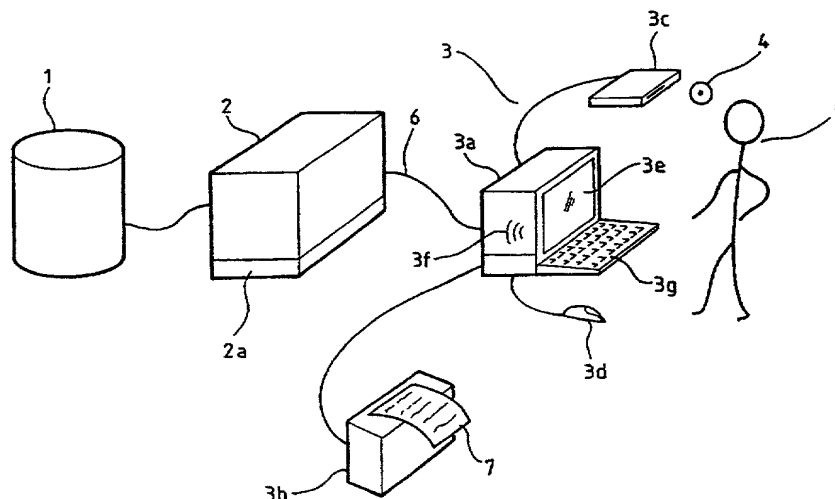8   pages 2 and 3.

1   8.   System according to any one of the previous claims 5 and 7, such that the said
2   software printing means (2a) comprise means of printing advertising messages in the
3   locations set aside for this purpose, particularly arranged vertically and/or in the margins of
4   the frames, and/or in frame number 4.

1   9.   Computer terminal connected to an Internet type communication network (6)
2   suitable to distribute information contained in a computer database (1) in a form that a user
3   (5) with such a computer terminal can easily transport and handle;

4   the said information being separated into units each containing a predetermined
5   number of symbols;

6　　　the said information arriving at the said computer terminal from the said database (1)

7　through a server (2) and the said computer communication network (6) and/or through an

8　information medium, for example such as a compact disk (4)

9　　　such that the user can access the said units on line and select the units that contain the

10　information in which he is interested,

11　　　the said computer terminal being characterised in that it comprises:

12　　　-　　a computer (3),

13　　　-　　a printer (3b) connected to the said computer equipment (3);

14　　　the said computer equipment (3) and the said printer (3b) being activated by the user

15　(5) using control devices such as a keyboard (3g) and/or a mouse (3b) to activate the optional

16　menus,

17　　　such that the user can control printing of the said units on a printable medium, and

18　particularly one or several sheets of paper;

19　　　the said computer equipment (3) also including software printing means (2a) that can

20　be loaded (particularly from a compact disk (4)) or downloaded (particularly through the said

21　computer communication network (6)) into the said computer; the said software printing

22　means (2a) being capable of controlling the said printer (3b) to print a memo (7) in the form

23　of a four-page booklet.

1　　　10.　　Computer terminal according to claim 9, such that the said software printing

2　means (2a) comprise means of printing each unit on the front of a sheet

3　　　by breaking down the symbols contained in each unit into four frame numbers from 1

4　to 4 in the same order as the number of the pages in the booklet,

5   by arranging the four frames on the front of the sheet of paper such that frames 1 and

6   3 are located on one of the diagonals of the rectangular sheet, and frames 2 and 4 are located

7   on the other diagonal,

8   by rotating frame numbers 2 and 3 by 180° from frame numbers 1 and 4

9   such that when folding is complete, the user has a four-page booklet.

1   11.   Computer terminal according to claim 10, to make the following from a

2   rectangular sheet, particularly an A4 sheet,

3   a memo (7b) in the landscape format, the said printed sheet comprises a first fold line

4   (21b) along the median line parallel to the longest side of the rectangular sheet,

5   a memo (7a) in the portrait format, the said printed sheet comprises a first fold line

6   (22a) along the median line parallel to the shortest side of the rectangular sheet,

7   such that after folding, the first fold fixes the outside pages 1 and 4 with the inside

8   pages 2 and 3.

1   12.   Computer terminal according to any one of claims 9 to 11 such that the said

2   software printing means (2a) comprise means of printing advertising messages in locations

3   set aside for this purpose, particularly arranged vertically and/or in the margins of the frames

4   and/or in frame number 4.

(54) Title: METHOD AND SYSTEM FOR DIFFUSING DATA DERIVED FROM A DATABASE

(54) Titre: PROCEDE ET SYSTEME POUR DIFFUSER DES INFORMATIONS PROVENANT D'UNE BASE DE DONNEES

(57) Abstract: The invention concerns a method for diffusing data contained in a computer database (2) in a form that can be easily transported and handled by a user (5). The method comprises steps which consist in: breaking down the data contained in the base (1) into units comprising each a predetermined number of signs; transmitting said units, in particular via a server (2) and a communication network (6), to a computer equipment (3) connected to a printer (3b); downloading into said equipment (3), in particular via said network (6), printing software means (2a) for printing with said printer (3b) a memo (7) in the form of a booklet of four pages. Thus the user (5) can access online said units, select those containing data of interest to him and command the printing thereof in the form of a booklet of four pages which can be easily carried.
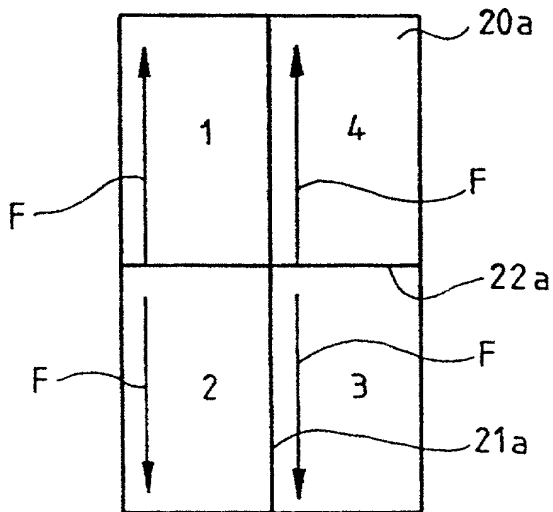
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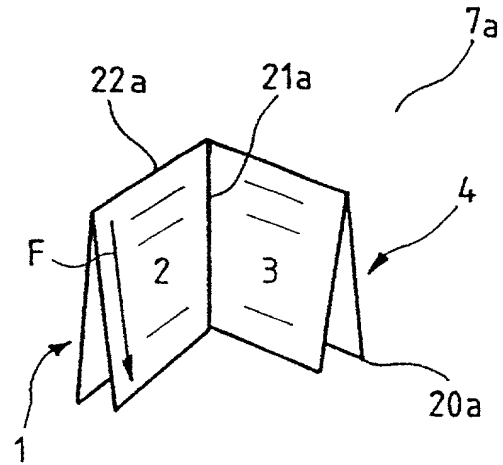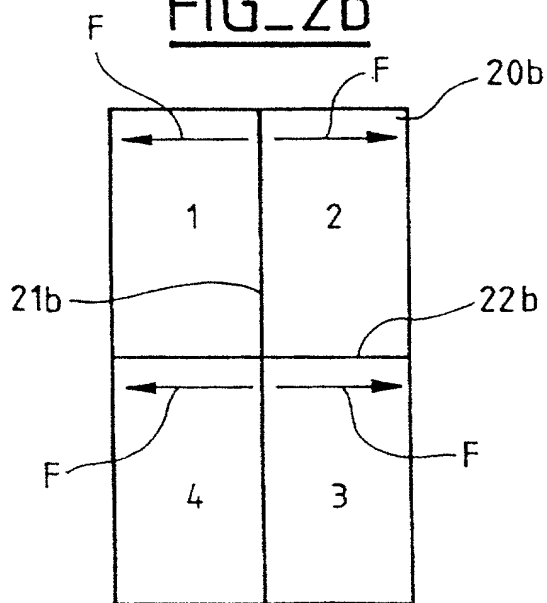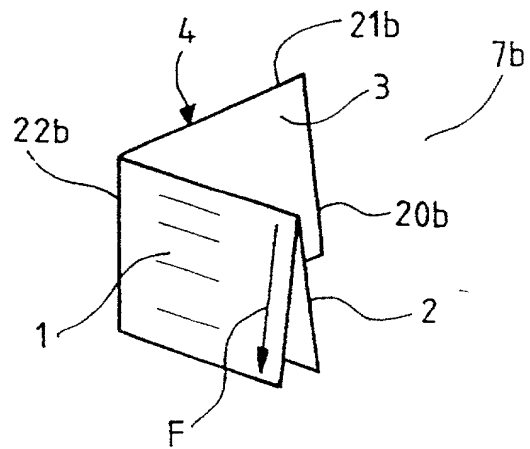
FIG_1
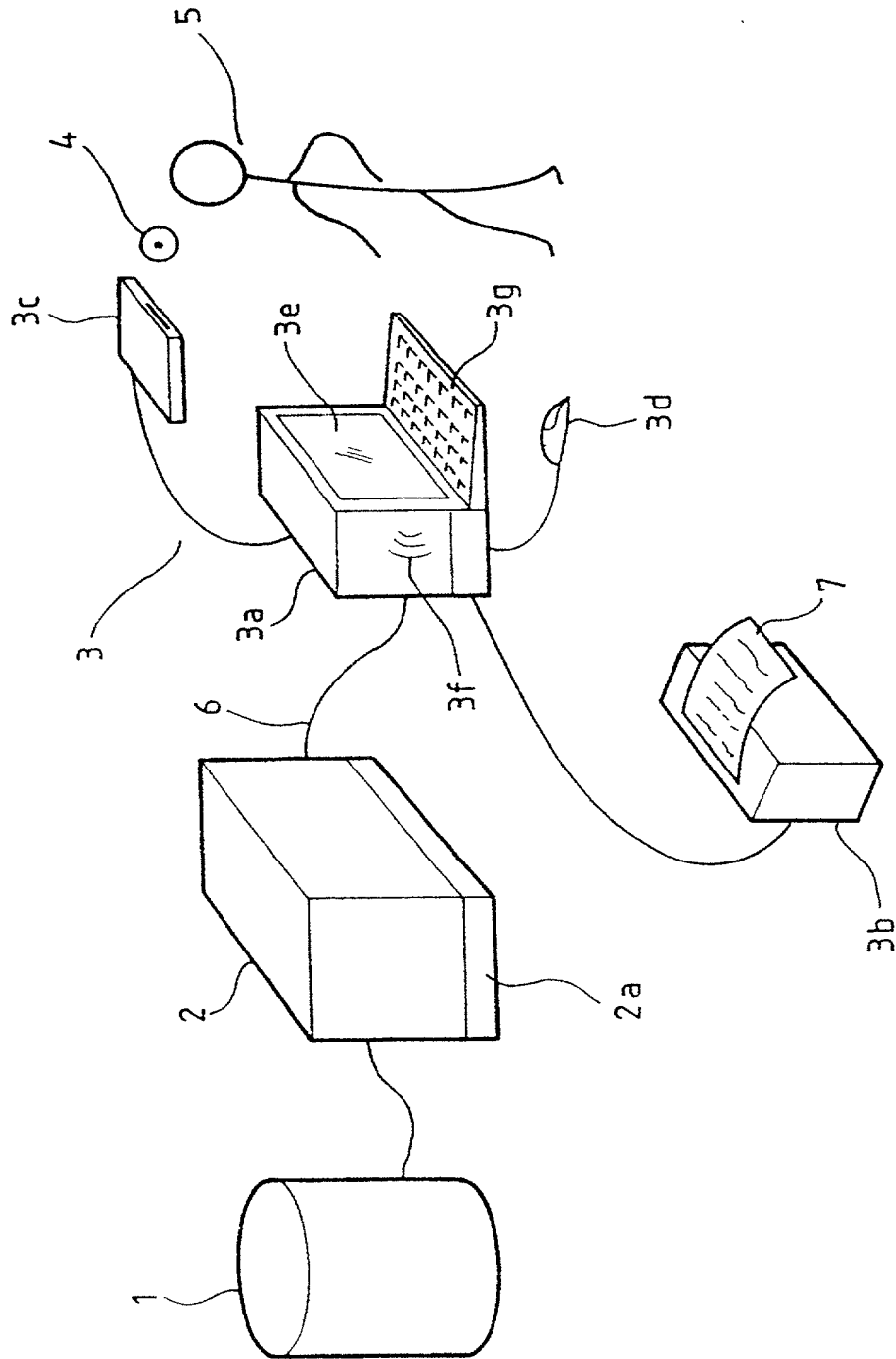
FIG_2a

FIG_3a

FIG_2b

FIG_3b

Declaration and Power of Attorney For Patent Application
English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
PROCESS AND SYSTEM FOR DISTRIBUTING INFORMATION ORIGINATING FROM A DATABASE
,
the specification of which is attached hereto unless the following box is checked:

[ ] was filed on <u>October 3, 2000</u> as
United States Application Number or PCT International Application Number
<u>PCT/FR00/02735</u>
and was amended on_____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)   Priority Not Claimed

99 12360	FRANCE	04/10/1999	
(Number)	(Country)	(Day/Month/Year Filed)	[ ]
00 03624	FRANCE	22/03/2000	
(Number)	(Country)	(Day/Month/Year Filed)	[ ]

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37

CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

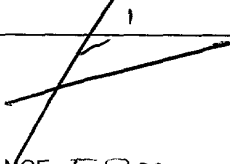|			
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) **Patrice NOAILLES**

Inventor's signature _____   Date _15/3/02_

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Citizenship _____

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Full name of second joint inventor, if any (given name, family name) **Bernard PROST**

Second Inventor's signature _____   Date _2/. 03 · 2002_

Residence _____

Citizenship _____

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☐ Additional inventors are being named on separately numbered sheets attached hereto.

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